

## Claims

1. A fiber cleaver comprising:  
a holding member for holding a glass fiber portion of an optical fiber;  
a cutter for affording a scratch to the glass fiber portion held by the holding  
5 member;  
an elastic member or spring for moving the cutter; and  
a slider engaging member for maintaining the elastic member or spring in a state  
of elastic deformation.
2. A fiber cleaver according to claim 1,  
10 further comprising a holder engaging part for holding a holder that holds an  
optical fiber at its part having a protective covering.
3. A fiber cleaver according to claim 1 or 2,  
further comprising a containing part for containing unnecessary pieces that have  
been cut away from the glass fiber portions.
- 15 4. A fiber cleaver according to claim 3,  
further comprising guide rollers for conveying the unnecessary cut-away pieces  
into the containing part.
5. A fiber cleaver according to claim 3 or 4,  
wherein the containing part has a cover that can open and shut in a manner  
20 synchronous with the movement of the cutter.
6. A fiber cleaver according to claim 5,  
wherein the containing part has an elastic member or spring for pushing the cover  
in a closing direction and a cam for causing the cover to open and shut synchronously with  
the movement of the cutter.
- 25 7. A fiber cleaver according to claim 6,  
wherein the cam has a form that allows the cover to close after a glass fiber has  
been cleaved.
8. A fiber cleaver according to any one of claims 3 to 7,  
wherein the containing part has a container that can be removed from the fiber  
30 cleaver.
9. A fiber cleaver according to claim 8,  
wherein the container has a curved portion for leading unnecessary cut-away

pieces backward in the container.

10. A fiber cleaver according to claim 8 or 9,  
wherein the container has an adhesive provided on the inner bottom surface thereof.

5 11. A fiber cleaver according to any one of claims 1 to 10,  
further comprising an upper casing, a lower casing, and a pivot member pivotably connecting the upper casing and the lower casing.

12. A fiber cleaver according to claim 11,  
wherein the holding member comprises an upper holding member provided in the  
10 upper casing and a lower holding member provided in the lower casing, the lower holding member being arranged opposite to the upper holding member.

13. A fiber cleaver according to claim 11 or 12,  
wherein the cutter, the elastic member or spring, the slider engaging member, holder engaging part, and the containing part are arranged in the lower casing.

15 14. A fiber cleaver according to any one of claims 11 to 13,  
wherein the slider engaging member is structured such that the elastically deformed condition of the elastic member or spring is released by closing the upper casing and the lower casing.

15. A fiber cleaver according to any one of claims 11 to 14,  
20 wherein the glass fiber portion can be inserted between the upper casing and the lower casing from a position opposite to the pivot member toward the pivot member side.

16. A fiber cleaver according to any one of claims 11 to 14,  
wherein the fiber cleaver is structured such that the glass fiber portion is disposed in a direction perpendicular to the pivot of the pivot member.

25 17. A fiber cleaver according to any one of claims 11 to 16,  
further comprising an elastic member or spring for pushing the upper casing and the lower casing in an opening direction.

18. A fiber cleaver according to any one of claims 11 to 17,  
further comprising a lock for maintaining the upper casing and the lower casing in  
30 a closed condition.

19. A fiber cleaver according to any one of claims 11 to 18,  
wherein at least one of the ends of the upper casing and the lower casing is

removable.

20. A fiber cleaver according to any one of claims 11 to 19,  
wherein at least one of the upper casing and the lower casing has a hole through  
which a strap can be inserted.

5 21. A fiber cleaver according to any one of claims 11 to 20,  
wherein the upper casing and the lower casing are made of magnesium or  
aluminum.

22. A fiber cleaver comprising:  
a holding member for holding a glass fiber portion of an optical fiber;  
10 a cutter for affording a scratch to the glass fiber portion held by the holding  
member; and  
a holder engaging part for holding a holder that holds an optical fiber at its part  
having a protective covering, wherein the holder engaging part has a first holder engaging  
member for pushing and holding the holder in a direction parallel to a movement direction  
15 of the cutter.

23. A fiber cleaver according to claim 22,  
further comprising a second holder engaging member provided in the holder  
engaging part, the second holder engaging member being capable of not only holding the  
holder by pushing it in a direction parallel to a movement direction of the cutter, but also  
20 setting the holder position in a direction perpendicular to the movement direction of the  
cutter.

24. A fiber cleaver according to claim 22 or 23,  
wherein the first holder engaging member and the second holder engaging  
member are structured to be pushed from the direction of the pivotal movement thereof.

25 25. A fiber cleaver according to any one of claims 22 to 24,  
wherein the first holder engaging member and the second holder engaging  
member are chamfered.

26. A fiber cleaver according to any one of claims 22 to 25,  
wherein the first holder engaging member and the second holder engaging  
30 member are made of resin.